

What is claimed is:

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A Computer system comprising a housing, power means, storage means,
processor means, audio transducer and converter means, and a display means, said
5 processor means containing an audio recognizing means, said audio transducer and
converter means in communication with said processor means for receiving audio
commands from a user, said audio transducer and converter having means for
converting audio commands into electrical signals to control power in the system and
having means to send said electrical signals to the processor and other components of
10 said computer to comply with said audio commands, said display means selected from
the group consisting of desktop monitors, head-mounted displays, flat panel displays,
wrist-mounted displays, neck-hung displays, displays supported by lanyards attached
to user's body and mixtures thereof.

-2-

15 The Computer system of claim 1 wherein said processor means is in
communication with said storage means for receiving, retrieving and processing
information and user commands in accordance with a stored program.

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The Computer system of claim 1 wherein said housing has communication
20 means for use in said system.

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The Computer system of claim 1 wherein said storage means has means for storing previously entered information including an electronic technical manual and a preprogrammed vocabulary model of a plurality of words including preprogrammed
5 commands to control power supplied to said processor means.

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The Computer system of claim 1 wherein said computer display means is in communication with said processor means for receiving the outputted information from the processor means and for displaying any power change effectuated by the
10 commands of the user.

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The Computer system of claim 1 wherein said recognizing means contains a plurality of words and phrases in a preprogrammed vocabulary model including a preprogrammed vocabulary to incrementally control power to said processor means,
15 and for matching the converted electric signals against said preprogrammed vocabulary to recognize the command.

-7-

The Computer system of claim 1 wherein said power means supplies power to said computer and wherein a power output by said power means is controlled by
20 audio commands.

-8-

The Computer system of claim 1 having means whereby said user can by voice commands control the heat generated and power supplied to the processor and said display means.

A Computer comprising communication means, a computer housing, power means, display means, storage means, processor means, audio transducer and converter means, and recognizing means, said housing containing internally all components of said computer except for said display means, said processor in communication with said audio transducer and converter means and wherein said processor having means to accept audio commands and convert said audio commands into electrical signals to control and effect power through said computer, said audio transducer having means to send said converted audio commands to said processor and other components of said computer, said computer selected from the group consisting of desktop computers, laptop computers, mobile computers and user-supported computers.

The Computer of claim 9 wherein said processor means is in communication with said storage means for receiving, retrieving and processing information and user commands in accordance with a stored program.

The Computer of claim 9 wherein said housing is a user-supported housing having securing means for being supported and carried hands-free by the user.

The Computer of claim 9 wherein said storage means has means for storing previously entered information including an electronic technical manual and a preprogrammed vocabulary model of a plurality of words, including preprogrammed commands to reduce power supplied to said processor means.

-13-

The Computer of claim 9 wherein said computer display means is in communication with said processor means for receiving the outputted information from the processor means and for displaying any power change or reduction
5 effectuated by the commands of the user.

-14-

The Computer of claim 9 wherein said recognizing means contains a plurality of words and phrases in a preprogrammed vocabulary model including a preprogrammed vocabulary to incrementally change power to said processor means,
10 and for matching the converted electric signals against said preprogrammed vocabulary to recognize the command.

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The Computer of claim 9 wherein said power means supplies power to said computer and wherein a power output by said power means is controlled by audio
15 commands.

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The Computer of claim 9 having means whereby said user can by voice commands control the heat generated and power supplied to the processor and said display means.

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The Computer of claim 9 wherein said display is a neck-hung display.

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The Computer of claim 9 wherein said display is a flat panel display.

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The Computer of claim 9 wherein said display is a display supported by a lanyard attached to a user's body.

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5 The Computer of claim 9 wherein said display is a desk-supported display monitor.

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The Computer of claim 9 wherein said communication means is selected from the group consisting of cellular phones, hard-wire telephones, radio transceivers,
10 infrared, laser, fiber optics and other suitable communication means.

-22-

A core computer system comprising a unit that contains all of the components of a conventional computer within a completely sealed housing, said unit not capable of functioning as a computer unless it is positioned in contact with a compatible
15 enclosure in said system, said enclosure determining the function of the combined unit-enclosure structure, said structure having means including audio commands to control the power and heat generated by said unit when in contact with said enclosure.

-23-

The system of claim 22 having means to convert verbal utterances to electrical
20 signals to control power output and heat generated by said computer unit when in contact with said enclosure.

-24-

The system of claim 22 wherein a processor in said unit has means for processing user commands in accordance with a stored program.

The system of claim 22 comprising communication means including a mobile telephone.

5 The system of claim 22 wherein a computer display means is in communication with a processor in said unit and wherein said display having means for displaying any power change effectuated by the audio commands of a user.

10 The system of claim 22 wherein said display is selected from the group consisting of head-mounted displays, flat panel displays, neck-hung displays, wrist-mounted displays, arm-mounted displays, displays attached to said unit, displays attached to said enclosure, displays located apart from said unit and said enclosure and mixtures thereof.

15 A desktop computer comprising all of the components of a general purpose computer including a CPU and an audio transducer and converter means, said CPU containing an audio-recognizing means, said audio transducer and converter means in communication with said CPU for receiving audio commands from a user, said audio transducer and converter means having means for converting audio commands into
20 electrical signals to control power in said computer, and having means to send said electrical signals to the CPU and other computer components and display to comply with said audio commands.

A laptop computer comprising all of the components of a general purpose computer including a CPU and an audio transducer and converter means, said CPU containing an audio-recognizing means, said audio transducer and converter means in communication with said CPU for receiving audio commands from a user, said audio transducer and converter means having means for converting audio commands into electrical signals to control power in said computer, and having means to send said electrical signals to the CPU and other computer components and display to comply with said audio commands.

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